

## Upgrade and pave Fish Hatchery Road (FR-475) and Shoal Creek Road (SR 1327)

from US 276 to NC 215

Local ID: TRAN0048-H

Purpose: Facility Deficiencies

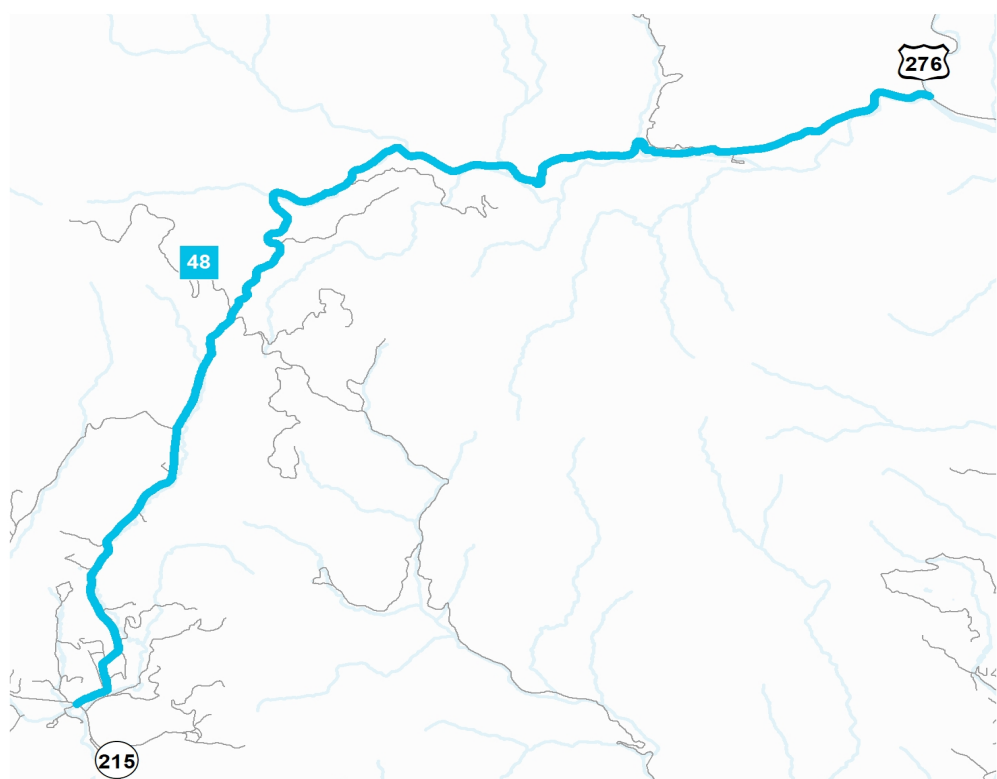
Improvement: Improve Existing

### Identified Need

Fish Hatchery Road (FR-475) and Shoal Creek Road (SR 1327) is unpaved, no paved shoulder, and lane widths of 9 feet.

### Recommendation

Pave, improve alignment, lane widths, and shoulders to current design standards, including 5-foot paved shoulders.



	Local ID #	Improve	New Location		Local ID #	Improve	New Location
Congestion / Mobility	#	—	—	Interchange	⊙	□	■
Access Management / Operations	#	—	—	Bridge / Overpass	⊙	○	●
Modernization	#	—	—	Intersection	⊙	∠	▲
Other	#	—	—				

### Proposal At A Glance

Highway Class	Modernization
Facility Type	Minor Thoroughfare
Typical Section	02 C
Section Options	-
Estimated Cost	-
Length (miles)	9.33
Existing ROW (feet)	50
Safety Risk Score	-

### Proposal Data: 2017 Base Year 2045 Future Year

Improved Route	Existing	Without Proposal	With Proposal
Facility Type	Minor Thoroughfare	Minor Thoroughfare	Minor Thoroughfare
Travel Lanes	2	2	2
Volume (vpd)	230-300	430-1100	-
Capacity (vpd)	10200-13600	10200-13600	10200-13600

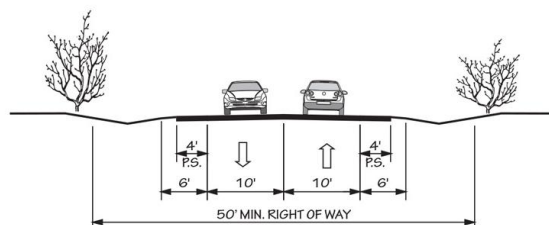
### Capacity Data: Year

Facility will be Approaching Capacity (>80%)	-
Facility will be Over Capacity (>=100%)	-



**Typical Section Options:**

None

**TYPICAL SECTION No. 2C****2 LANE UNDIVIDED WITH PAVED SHOULDERS**

POSTED SPEED 25-35 MPH

**Project Overview****Linkage to Other Plans**

This facility is classified as a local road on the Federal Functional Classification System.

**Multi-Modal Considerations**

Transylvania County Transit, under the name "Transylvania in Motion" operates a fixed route as well as demand response system within the county. The deviated-fixed route does not reach this facility; however, it is within the demand-response area.

The Transylvania County Bicycle Plan (2019) did not include a recommendation for this facility, even though the east quarter is part of the Ride Transylvania County Bike Routes.

**Goals & Objectives Survey**

The citizens of Transylvania County responded to a public survey in early 2019 with a great deal of support for new greenways, sidewalks, and multi-use paths. When asked for their top three most important project types, these categories ranked first, third and fifth, out of a dozen choices. Rounding out the top five were maintenance and safety projects at second and fourth respectfully.

**Natural & Human Environmental Context**

Based on planning level environmental assessment using available GIS data, the proposed project intersects the Pisgah National Forest & Gamelands, the Looking Glass Rock Scenic Area, the Davidson River, Shoal Creek, Cove Creek, Rockhouse Creek, Looking Glass Creek, and Laurel Fork. According to LHI Guild Analysis, this project intersects multiple guilds of the Mesic Hardwood, Mixed Forest, Sparsely Settled Mixed Habitats, Woodland, and Barrens variety. These are predominantly A-ranked resources with the balance being B-ranked. It is also within the vicinity of water bodies wetlands.